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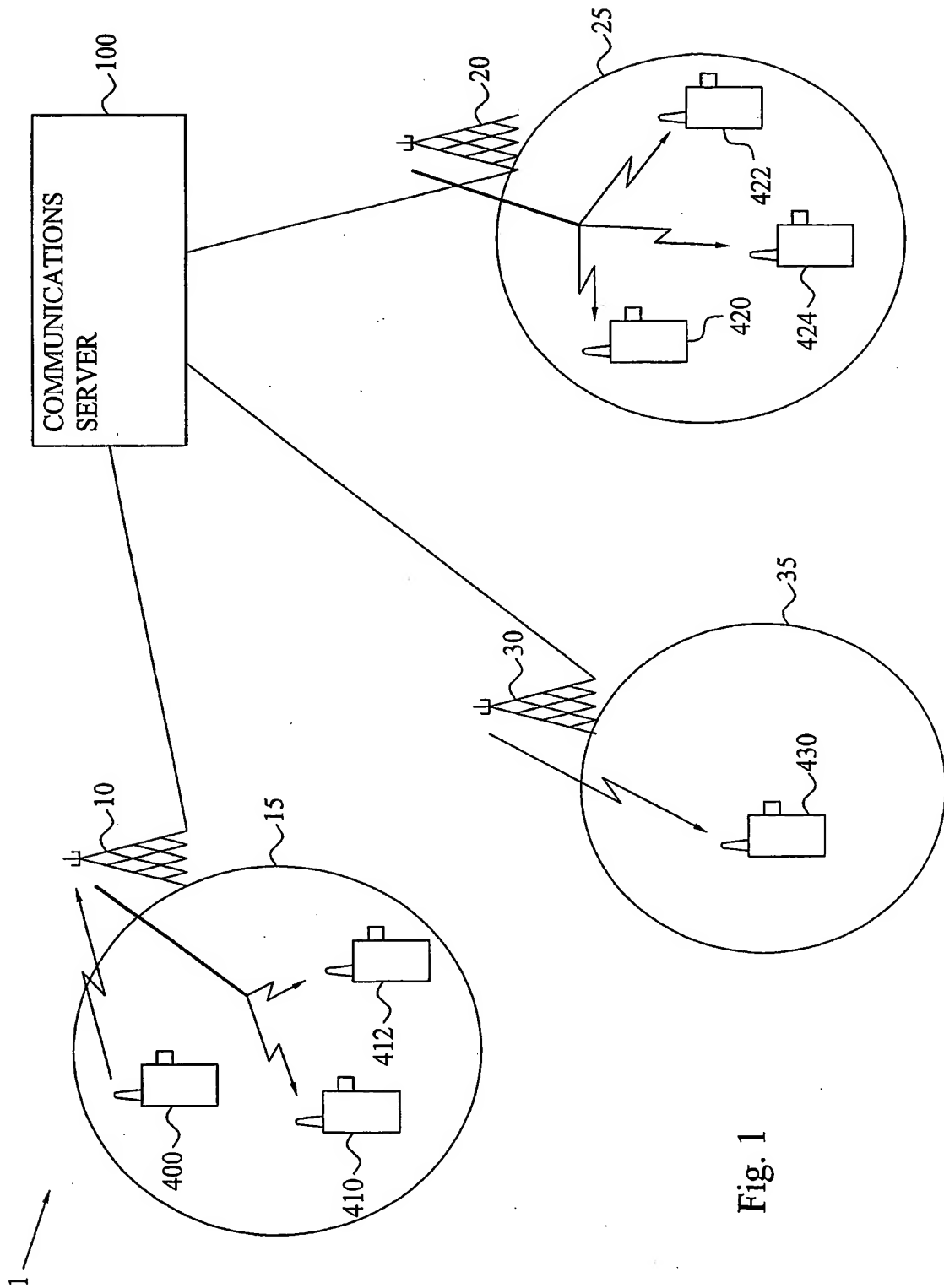


Fig. 1

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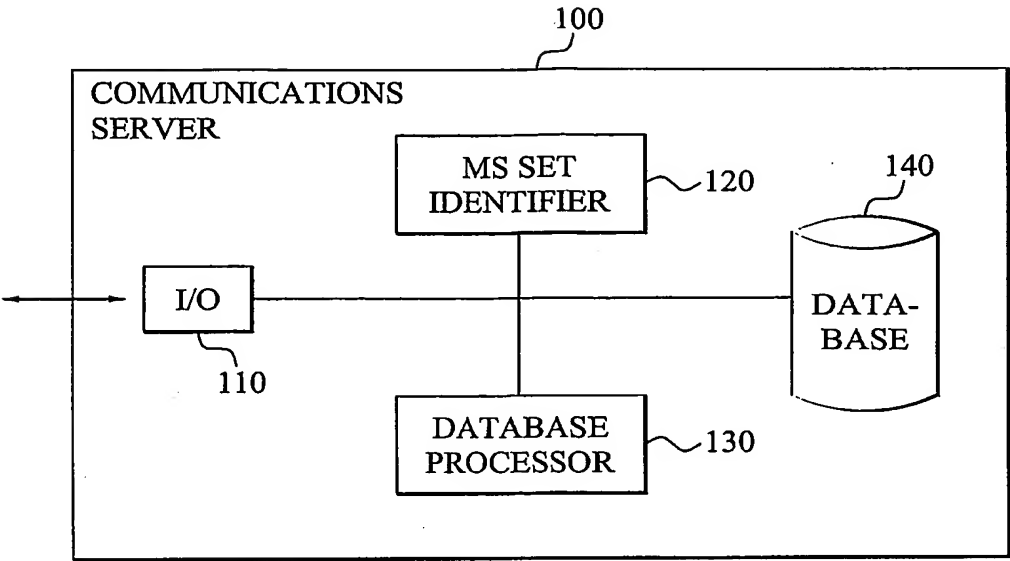


Fig. 2

A diagram of a database cylinder (140) containing a table. The table has three columns: MS ID (142), SESSION ID (144), and CELL ID (146). The data is as follows:

MS ID	SESSION ID	CELL ID
10000400	SESS 1	15_15_15
20000410	SESS 1	15_15_15
30000412	SESS 1	15_15_15
40000420	SESS 1	25_25_25
50000422	SESS 1	25_25_25
60000424	SESS 1	25_25_25
70000430	SESS 1	35_35_35

Fig. 3

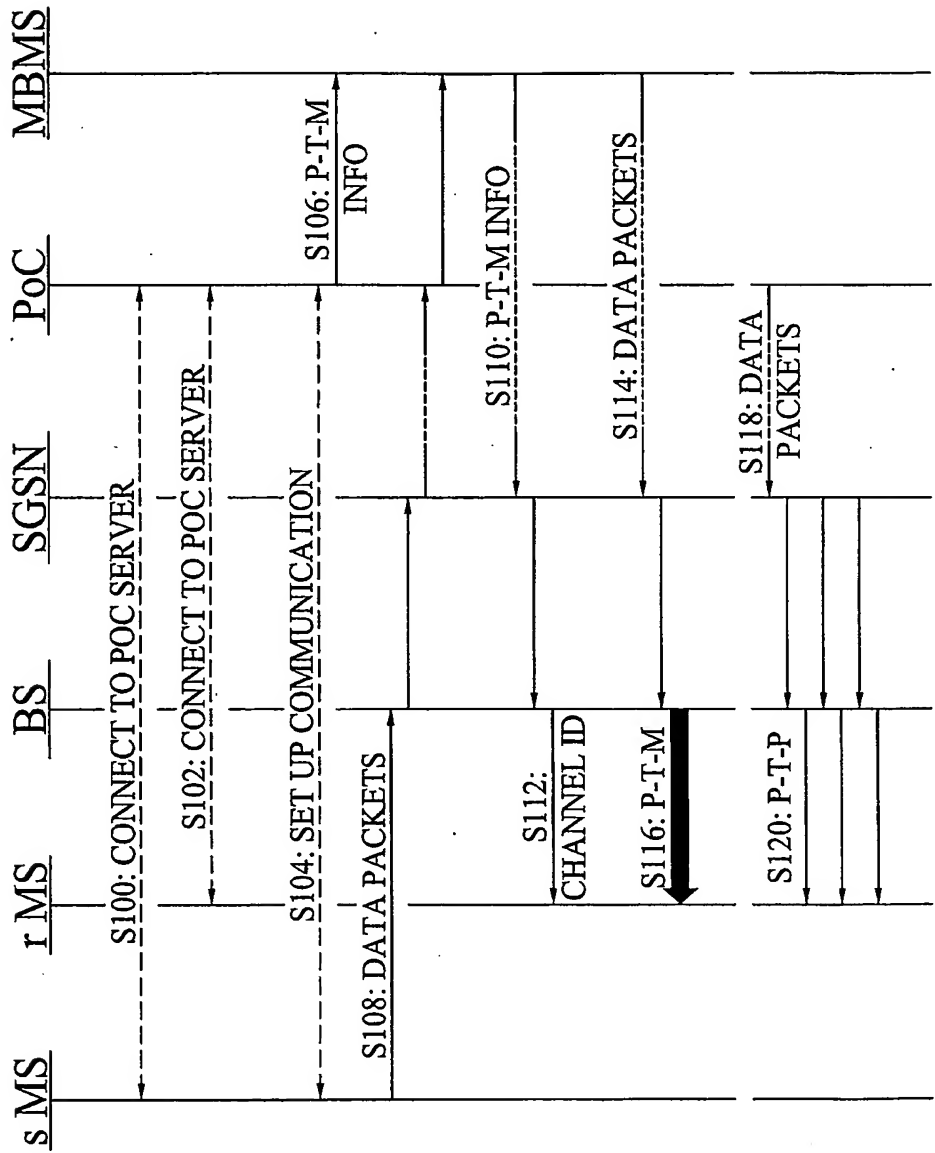


Fig. 4

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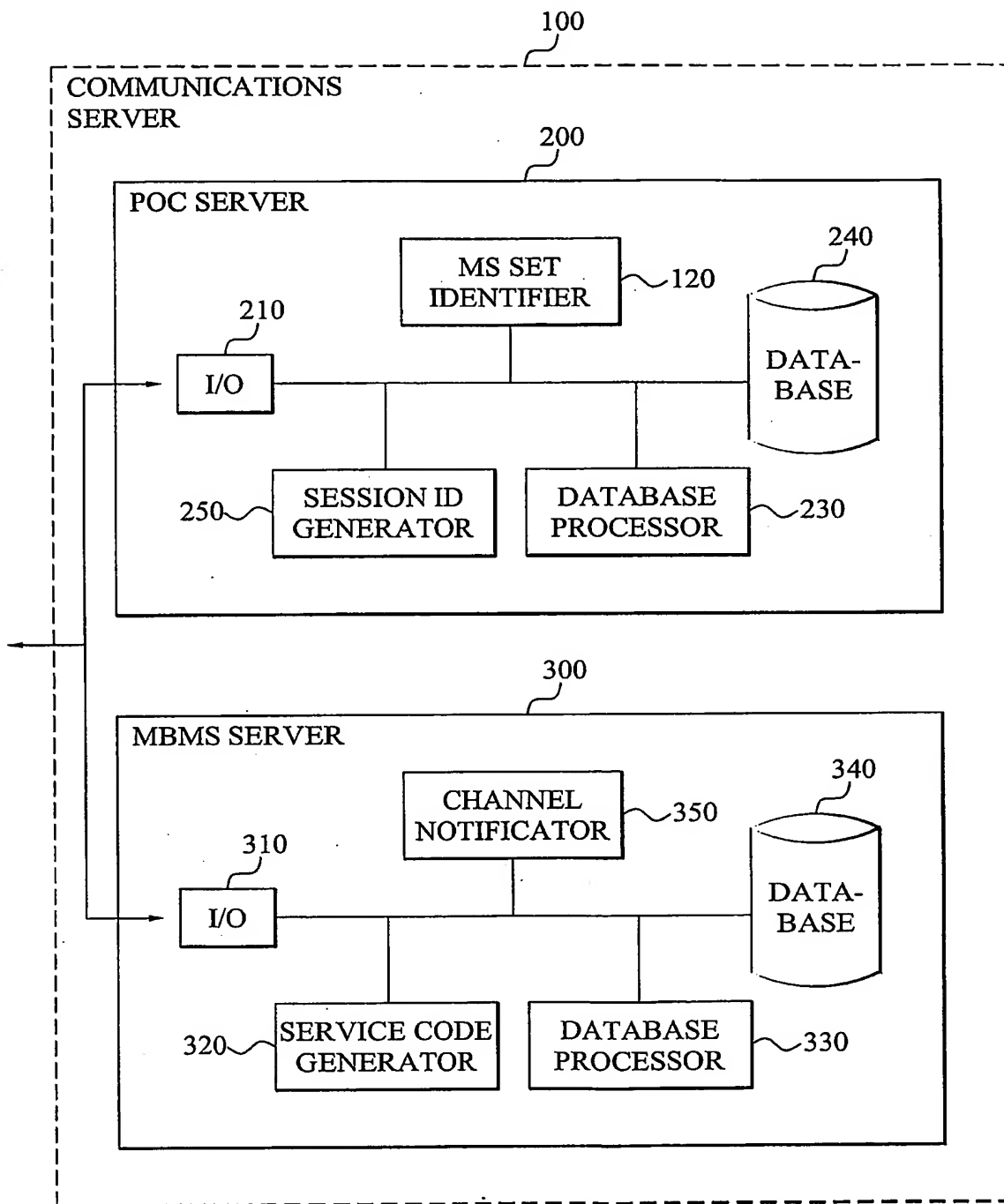


Fig. 5

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240

242 IMSI	248 IP ADDRESS	244 SESSION ID	246 CELL ID
10000400	11111400	SESS 1	15_15_15
20000410	22222410	SESS 1	15_15_15
30000412	33333412	SESS 1	15_15_15
40000420	44444420	SESS 1	25_25_25
50000422	55555422	SESS 1	25_25_25
60000424	66666424	SESS 1	25_25_25
70000430	77777430	SESS 1	35_35_35
○	○	○	○
○	○	○	○
○	○	○	○
○	○	SESS N	○

Fig. 6

340

342 IMSI	348 IP ADDRESS	344 SERVICE CODE	346 CELL ID
20000410	22222410	555-555-550	15_15_15
30000412	33333412	555-555-550	15_15_15
40000420	44444420	555-555-550	25_25_25
50000422	55555422	555-555-550	25_25_25
60000424	66666424	555-555-550	25_25_25
○	○	○	○
○	○	○	○
○	○	○	○
○	○	555-555-559	○

Fig. 8

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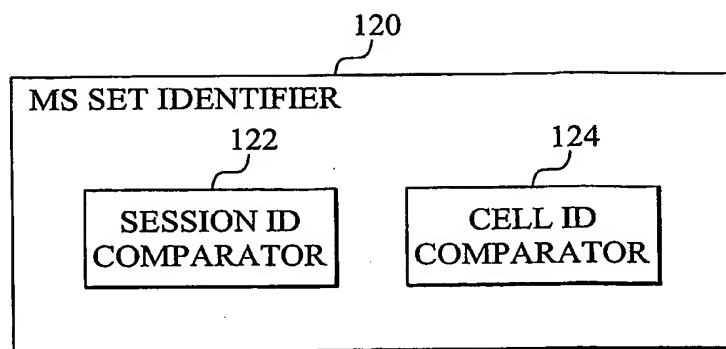


Fig. 7

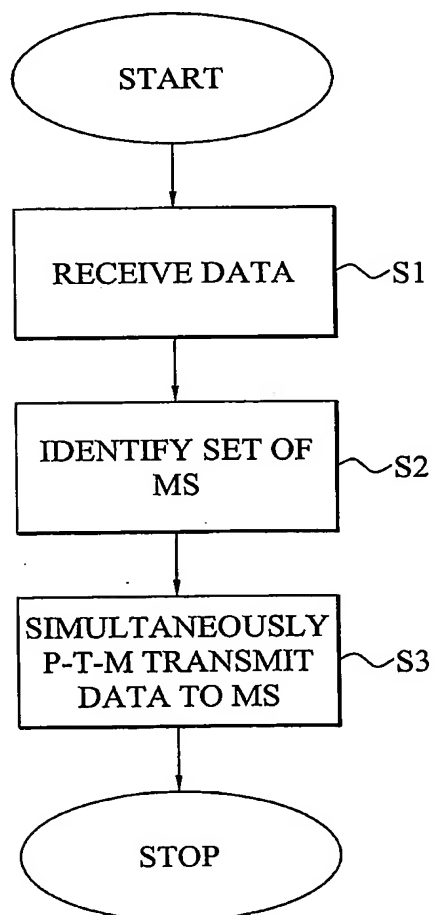


Fig. 9

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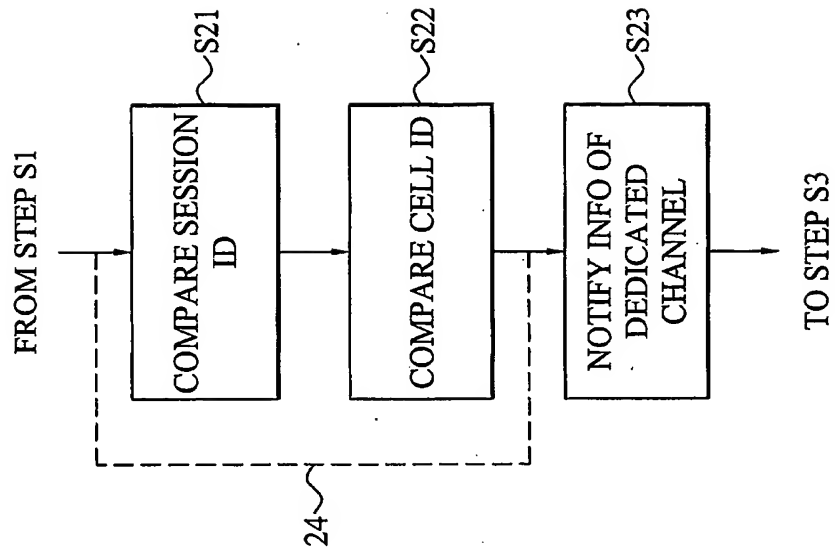


Fig. 11

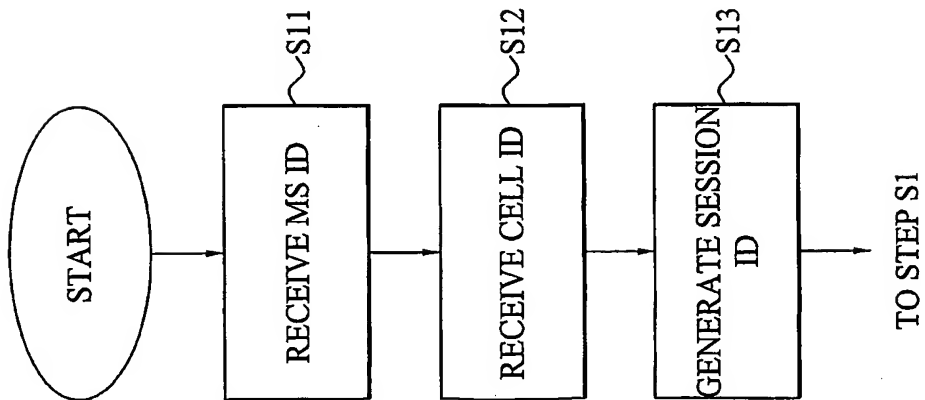


Fig. 10